|   | Index of Claims   |          |              |          |          |          |          |          |   |   |            |          |                            | Application/Control No. |             |           |   |          |          |              |          |          |             | Applicant(s)/Patent under Reexamination |               |                 |          |          |               |          |          |                         |                         |                |           |    |   |
|---|---|----------|--------------|----------|----------|----------|----------|----------|---|---|------------|----------|----------------------------|-------------------------|-------------|-----------|---|----------|----------|--------------|----------|----------|-------------|---|---------------|-----------------|----------|----------|---------------|----------|----------|-------------------------|-------------------------|----------------|-----------|----|---|
|   |   |          |              |          |          |          |          |          |   |   |            |          |                            |                         | 10/668,481  |           |   |          |          |              |          |          |             |   |               |                 |          |          |               |          |          |                         |                         |                |           |    |   |
|   | 1 / E E / E   3   E   C   E   E   E   E   E   E   E   E |          |              |          |          |          |          |          |   |   |            |          |                            |                         | Examiner    |           |   |          |          |              |          |          |             |   | -             | OBERHANS ET AL. |          |          |               |          |          |                         |                         | <u> </u>       |           |    |   |
|   |   |          |              |          |          |          |          |          |   |   |            |          |                            |                         | Tung S. Lau |           |   |          |          |              |          |          |             |   | 2863          |                 |          |          |               |          |          |                         |                         |                |           |    |   |
| - |   |          |              |          |          |          |          |          |   |   |            |          |                            |                         |             |           | <u>,                                     </u> |          |          |              |          |          |             |   |               |                 |          |          |               |          |          |                         | <del></del>             |                |           |    |   |
|   | √ Rejecte   |          |              |          |          |          |          |          |   | - | (          |          | hrough numera<br>Cancelled |                         |             |           | al)   |          |          | Non-E        |          | Elec     | cte         | ed                                      |               | A               | Appeal   |          |               |          |          |                         |                         |                |           |    |   |
|   |   |          | =            | Allowed  |          |          |          | ÷        |   |   | Restricted |          |                            |                         |             |           | Ì   | 1        | ln       | ter          | fere     | n        | ce          |   | 0             |                 | Ob       | jed      | cte           | d        |          |                         |                         |                |           |    |   |
| 1 | 01  |          |              |          |          |          |          | ]<br>    |   |   | <br>—      | Claim    |                            |                         |             |           |   |          |          |              |          |          | <del></del> | Clair                                   |               | -               |          | Data     |               |          | <br>     |                         | _                       |                |           |    |   |
|   | Cla   | aim_     |              | Date     |          |          |          | <u>e</u> |   |   | $\Box$     | -        | Claim                      |                         |             | _[        |   |          | ate      | <u>:</u><br> |          |          | -           | Claim<br>_                              |               |                 |          |          | Date          |          |          | $\neg$                  | $\overline{}$           | $\dashv$       |           |    |   |
|   | Final   | Original | 2-12-05      |          |          |          |          |          |   |   |            | 100      | בוום                       | Original                |             |           |   |          |          |              |          |          |             |   | Final         | Original        |          |          |               |          |          |                         |                         |                |           |    |   |
|   |   | 1        | 7            | ,        |          |          |          |          |   |   |            |          | 1                          | 51                      |             |           |   |          |          | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$    | -                                       |               | 101             |          | +        | $\dashv$      | $\dashv$ | $\dashv$ | -                       | $\dashv$                | +              | $\dashv$  |    |   |
|   |   | 2        | 0            |          |          |          |          |          |   |   |            |          |                            | 52                      |             |           |   |          |          |              |          | $\Box$   |             |   |               | 102             |          |          |               |          |          |                         |                         |                |           |    |   |
|   |   | 3        | 00           |          | $\dashv$ | $\dashv$ |          |          |   |   |            | $\vdash$ | $\dashv$                   | 53<br>54                |             | -         | $\dashv$                                      | -        | -        | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$    | -                                       | $\rightarrow$ | 103             |          | $\dashv$ | -             | -        | -        | +                       | -                       | $\dashv$       | $\dashv$  |    |   |
|   |   | 5        | С            |          |          |          |          |          |   |   |            |          |                            | 55                      |             |           |   |          |          |              |          |          |             |   |               | 105             |          |          |               |          |          |                         |                         |                |           |    |   |
|   |   | 6<br>7   | V            |          |          |          |          |          |   |   |            | _        | _                          | 56<br>57                | _           | _         | _   |          | $\dashv$ | _            | _        | 1        | 4           | -                                       |               | 106             |          | _        | _             | _        |          | _                       | _                       | _              |           |    |   |
|   | <u></u>   | 8        | Y<br>V       | -        | $\dashv$ | $\dashv$ | -        |          |   |   |            | -        | -                          | 58                      | -           |           | $\dashv$                                      | $\dashv$ |          | -            | $\dashv$ | $\dashv$ | $\dashv$    | $\vdash$                                |               | 107<br>108      |          | +        | -             | $\dashv$ | +        | $\dashv$                | $\dashv$                | +              |           |    |   |
| j |   | 9        | V            |          |          |          |          |          |   |   |            |          |                            | 59                      |             | $\Box$    |   |          |          |              |          |          |             |   |               | 109             |          |          |               |          |          |                         | 1                       |                |           |    |   |
|   |   | 10       | Υ <u>.</u>   |          | -        |          |          |          | Н |   | Н          | _        | _                          | 60<br>61                | $\dashv$    | $\dashv$  | $\dashv$                                      | $\dashv$ | $\dashv$ | -            | _        |          | _           | $\vdash$                                |               | 110<br>111      | -        | -        | $\perp$       | +        | +        | -                       |                         |                |           |    |   |
|   | _   | 0        | $\checkmark$ |          | $\dashv$ |          |          |          |   |   |            |          | $\dashv$                   | 62                      |             | $\dashv$  | _   | $\dashv$ | $\dashv$ | +            |          | _        | $\exists$   | -                                       |               | 112             |          | -        | +             | +        | +        |                         | +                       |                | $\dashv$  |    |   |
|   | ,   | 13       |              |          |          |          |          |          |   |   |            |          |                            | 63                      |             | $\Box$    |   |          |          |              |          | $\Box$   |             |   |               | 113             |          |          |               |          | 1        |                         |                         |                |           |    |   |
| ļ |   | 14<br>15 |              |          | +        | -        |          |          |   |   | H          | -        | -                          | 64<br>65                |             | $\dashv$  | $\dashv$                                      | $\dashv$ | $\dashv$ | $\dashv$     | +        | $\dashv$ |             | -                                       |               | 114<br>115      | $\vdash$ | +        | -             | +        | +        | $\dashv$                | +                       | $\dashv$       | $\dashv$  |    |   |
|   |   | 16       |              |          |          |          |          |          |   |   |            |          |                            | 66                      |             |           |   |          |          |              | $\perp$  | _        |             |   |               | 116             |          |          |               |          |          |                         |                         |                | $\exists$ |    |   |
|   | _   | 17       |              |          |          | _        |          |          |   |   | Щ          |          | _                          | 67                      |             |           | $\dashv$                                      | _        | _        | _            | _        | _        |             | -                                       |               | 117             |          |          |               |          |          |                         | _                       | _              | $\dashv$  |    |   |
|   |   | 18<br>19 |              |          |          |          |          |          |   |   | H          |          | $\dashv$                   | 68<br>69                |             | -         | $\dashv$                                      | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | -           | -                                       |               | 118<br>119      |          | +        |               | -        | +        | $\dashv$                | +                       | _              | $\dashv$  |    |   |
| } |   | 20       |              |          |          |          |          |          |   |   |            |          |                            | 70                      |             | $\exists$ |   |          |          |              |          |          |             |   |               | 120             |          |          |               |          |          |                         |                         |                |           |    |   |
|   |   | 21       |              |          | $\dashv$ | $\dashv$ |          | -        |   |   |            | -        | $\dashv$                   | 71<br>72                |             | $\dashv$  | _   | -        | -        | _            | -        | $\dashv$ | _           | -                                       |               | 121<br>122      |          | $\dashv$ | +             | $\dashv$ | $\dashv$ | _                       | 4                       | $\dashv$       | 4         |    |   |
|   |   | 23       |              |          | 7        |          |          |          |   |   | $\Box$     |          | +                          | 73                      | -           | +         | $\dashv$                                      |          | +        | $\dashv$     | $\dashv$ | +        | ┥.          | -                                       | $\dashv$      | 123             |          |          | +             | +        | +        | $\dashv$                | $\dashv$                | $\dashv$       | $\dashv$  |    |   |
| Į |   | 24       |              |          |          |          |          |          |   |   |            |          |                            | 74                      |             |           |   |          |          |              |          |          |             |   |               | 124             |          |          |               |          |          | $\Box$                  |                         |                |           |    |   |
|   |   | 25<br>26 |              |          | $\dashv$ | $\dashv$ |          |          |   |   | H          | $\vdash$ | +                          | 75<br>76                |             |           | $\dashv$                                      | $\dashv$ | $\dashv$ | $\dashv$     | +        | $\dashv$ | $\dashv$    | -                                       |               | 125<br>126      |          | -        | -             | $\dashv$ | $\dashv$ | -                       | $\dashv$                | $\dashv$       | $\dashv$  |    |   |
| Ì |   | 27       |              |          |          |          |          |          |   |   |            |          |                            | 77                      |             |           |   |          |          |              |          |          |             |   |               | 127             |          |          |               | $\top$   | $\dashv$ |                         |                         | _              |           |    |   |
|   |   | 28       |              |          |          |          |          |          |   |   |            |          | $\dashv$                   | 78                      |             |           | _   |          | _        | _            | _        | $\perp$  | _           |   |               | 128             |          | $\bot$   |               | $\perp$  |          |                         |                         |                |           |    |   |
| ł |   | 29<br>30 |              |          |          | $\dashv$ | -        |          |   |   |            | -        | $\dashv$                   | 79<br>80                |             | $\dashv$  |   | -        | -        | +            | $\dashv$ | +        | $\dashv$    | $\vdash$                                |               | 129<br>130      |          | $\dashv$ | +             | $\dashv$ | $\dashv$ | +                       | -                       | _              | $\dashv$  |    |   |
|   |   | 31       |              |          |          |          |          |          |   |   |            |          |                            | 81                      |             |           |   |          |          |              |          |          |             |   |               | 131             |          |          |               |          |          |                         |                         |                |           |    |   |
| - |   | 32<br>33 |              | _        | _        |          | _        |          |   |   |            | -        | _ -                        | 82<br>83                |             | $\dashv$  | $\dashv$                                      | $\dashv$ | $\dashv$ | _            |          |          | _           | $\vdash$                                | _             | 132             |          | -        | +             | 4        | 1        | _                       |                         |                | _         |    |   |
|   |   | 34       |              | $\dashv$ | _        |          | $\dashv$ |          |   |   | H          | -        | $\dashv$                   | 84                      | -           | -         | $\dashv$                                      | $\dashv$ | $\dashv$ | $\dashv$     | -        | ┰┼       |             | $\vdash$                                | $\dashv$      | 133<br>134      |          | $\dashv$ | +             | +        | $\dashv$ | $\dashv$                | +                       |                |           |    |   |
|   |   | 35       |              |          |          |          |          |          |   |   |            |          |                            | 85                      |             |           |   |          |          |              |          |          |             |   |               | 135             |          |          |               |          |          |                         |                         |                |           |    |   |
|   |   | 36<br>37 |              | $\dashv$ | -        | $\dashv$ | $\dashv$ |          | - |   |            | -        | -                          | 86<br>87                | -           | _         | -   |          | $\dashv$ |              |          |          |             | $\vdash$                                | _             | 136<br>137      |          | -        | $\perp$       | $\perp$  | 1        | -                       | +                       | _              |           |    | • |
|   |   | 38       |              |          |          | 1        |          |          |   |   |            |          | +                          | 88                      | -           | $\dashv$  | -   | _        |          | +            | +        | $\dashv$ |             | $\vdash$                                |               | 138             | $\vdash$ | $\dashv$ | +             | +        | -        | +                       | +                       | _              | $\dashv$  |    |   |
|   |   | 39       |              |          |          |          |          |          |   |   |            |          | $\Box$                     | 89                      |             |           |   |          |          |              | ·        | $\Box$   |             |   |               | 139             |          | $\Box$   |               | 1        |          |                         |                         |                |           |    |   |
|   |   | 40       |              |          | $\dashv$ | $\dashv$ |          |          |   |   | Н          |          | -                          | 90<br>91                |             | $\dashv$  | $\dashv$                                      | $\dashv$ | $\dashv$ | $\dashv$     | +        | $\dashv$ | $\dashv$    | $\vdash$                                |               | 140<br>141      |          | $\dashv$ | +             | _        | +        | $\dashv$                | +                       | _              | $\dashv$  |    |   |
| ļ |   | 42       |              |          |          |          |          |          |   |   |            |          |                            | 92                      |             |           |   |          | 寸        |              |          | 士        |             | L                                       |               | 142             |          |          |               |          |          |                         |                         |                |           |    |   |
|   |   | 43       |              |          |          | -        |          |          |   |   |            |          | $\overline{\mathbf{I}}$    | 93                      |             | 1         | _   |          |          | -            |          | _        |             | F                                       |               | 143             |          | $\prod$  |               | $\bot$   | $\prod$  |                         | $\prod$                 |                |           |    |   |
|   |   | 44<br>45 |              |          | $\dashv$ | $\dashv$ | $\dashv$ |          | H |   | H          | -        | -  -                       | 94<br>95                |             | $\dashv$  | _   | +        | 1        | $\dashv$     | +        |          |             | $\vdash$                                |               | 144<br>145      |          | -        | -             | +        | $\dashv$ | -                       | $\dashv$                |                | $\dashv$  | ٠. |   |
|   |   | 46       |              |          |          |          |          |          |   |   |            |          |                            | 96                      |             |           |   |          |          |              | $\perp$  |          |             |   |               | 146             |          |          |               |          |          | $\int$                  |                         |                |           |    |   |
|   |   | 47<br>48 |              | _        | _        | _        |          |          |   |   |            |          |                            | 97                      |             |           |   |          |          | _[           |          |          | _           | -                                       |               | 147             | $\prod$  | -        | -             | $\prod$  | _        | $\overline{\mathbf{I}}$ | $\overline{\mathbf{I}}$ | $\blacksquare$ |           |    |   |
|   |   | 48       |              | -        |          |          |          |          |   |   | $\vdash$   |          | -                          | 98<br>99                | -           | $\dashv$  | $\dashv$                                      | +        | $\dashv$ | $\dashv$     | +        | -        | $\dashv$    | -                                       |               | 148<br>149      | $\vdash$ | $\dashv$ | +             | -        | +        | $\dashv$                | +                       |                | $\dashv$  |    |   |
|   |   | 50       |              |          |          |          |          |          |   |   |            |          |                            | 100                     |             |           | +   | $\dashv$ |          |              |          | 1        |             |   |               | 150             | $\Box$   | _        | $\neg \vdash$ | +        | $\dashv$ | $\dashv$                | $\dashv$                | $\dashv$       | $\dashv$  |    |   |